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SHEET 1 OF 1 INFORMATION DISCLOSURE ATTY, DOCKET NO. SERIAL NO. 10/686,766 057454-0982 CITATION IN AN APPLICATION APPLICANT Tadatoshi SUZUKI, et al. GROUP FILING DATE (PTO-1449) 3748 October 17, 2003 U.S. PATENT DOCUMENTS Publication Date MM-DD-YYYY EXAMINER'S Document Number Name of Patentee or Applicant of Cited Pages, Columns, Lines, Where Relevant Passages or Relevant INITIALS NO. Number-Kind Codes a -Figures Appear 05/04/1976 3,954,517 Jetezak et al. Shibate et al. 4,971,634 11/20/1990 US ZE U\$ 5,427,457 08/27/1985 Furumura et al. US 5,427,600 08/27/1995 Hon et al. ZŽ US 5,458,788 10/10/1995 Beavick et al. US 5,595,610 01/21/1907 Macca et al. ZE 08/19/1997 Taushima et al. US 5.858.082 US 5,944,916 08/31/1999 Chuna ZE bogal of al. US 6.149.734 11/21/2000 US 8,224,688 05/01/2001 Takemura et al. 7.F 6,258,179 U\$ 07/10/2001 Takayama et al. us 6,308,227 10/23/2001 Okavema et al. US 8,447,619 Takayama et al. 00/10/2002 ZE US FOREIGH PATENT DOCUMENTS EXAMINER'S Foreign Patent Document Name of Parentse or Pages, Columns, Lines Yransiation Publication Date Where Relevant Applicant of Ched Document INITIALS MM-DD-YYYY CITE Country Codes -Number « -Kind Codes (# kepset) Yes JP 08004774 A 01/06/1996 NTN Com X Eng. Abstract ZB 04/13/1999 X Eng. JP 11101247 A NTN COM ZE JP 63-185917 11/29/1986 Koyo Selko Co., Ltd. X partial 2.E English Trans. OTHER ART (Including Author, Title, Date, Pertirent Pages, Etc.) include name of the author (in CAPITAL LETTERS), 85e of the article (when appropriate), title of the item (book, magazine, journal, sortal, symposium, catalog, etc.), date, page(s), volume-trace number(e), publisher, city and/or country where EXAMINER'S INITIALS CITE JIS G 0551 "Mothods of sustenits grain size determination for steel", Published by Japanese Standards Association, February 20, 1998 ZE JIS Z 2242 "Method of impact test for metallic meterials", Published by Japanese Standards Association, December 21, 1998 ZE JIS Z 2202 'Test places for impact test for metallic materials' Published by Jepanese Standards Association, February 20,

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1 Applicant's unique citation designation number (optional), 2 Applicant is to place a check mark here if English tanguage Translation is attached.

1998 Copy of co-pending US Patent Application No. 10/300,690 filed November 21, 2002

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